



**Alan C. Lloyd, Ph.D.**  
Agency Secretary

# Air Resources Board

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**Arnold Schwarzenegger**  
Governor

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TO: ALL 2005/2006 MODEL YEAR ORIGINAL EQUIPMENT INDUSTRIAL  
TRUCK ENGINE/EQUIPMENT MANUFACTURERS  
ALL OTHER INTERESTED PARTIES

SUBJECT: NEW INTERIM VOLUNTARY LOW EMISSION STANDARDS FOR  
OFF-ROAD LARGE SPARK-IGNITION (LSI) ENGINES

This letter transmits a Manufacturers Advisory Correspondence (MAC) that identifies new voluntary low emission standards for new off-road LSI engines greater than 1.0 liter. These interim voluntary standards mirror proposed optional low emission standards that the Air Resources Board (ARB or Board) staff will present for formal Board adoption this spring. The purpose of this MAC is to make off-road LSI engine original equipment manufacturers aware of the opportunity to certify cleaner engines prior to the upcoming 2007 Off-Road LSI Regulations. Fleet users of off-road LSI engines are requesting early introduction of lower emission equipment so that they may begin lowering their proposed fleet average emission level. As a result of this MAC, fleet users may have the opportunity to lower their fleet average earlier than would otherwise have been possible.

If you have any questions regarding this matter, please contact Mr. Mark Williams, Air Pollution Specialist, at (916) 327-5610 or [mwilliam@arb.ca.gov](mailto:mwilliam@arb.ca.gov).

Sincerely,

Robert H Cross, Chief  
Mobile Source Control Division

Enclosure

cc: Mr. Mark Williams  
Air Pollution Specialist  
Zero Emission Vehicle Implementation Section

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency